



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Thorsten Heinzel

Examiner: AEDER, SEAN E

Serial No.: 10/528,104

Group Art Unit: 1642

Filed: SEPTEMBER 28, 2005

Confirmation Number: 3483

Title: **USE OF MOLECULAR MARKERS FOR THE PRECLINICAL AND CLINICAL PROFILING OF INHIBITORS OF ENZYMES HAVING HISTONE DEACETYLASE ACTIVITY**

REPLY

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to the Office Action dated May 16, 2007, please amend the claims as follows and consider the remarks.

Amendments to the Specification are on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 3 of this paper.

Remarks/Arguments begin on page 9 of this paper.